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PLAGUE-ERADICATIVE WORK.

California.

The following report of plague-eradivative work in California for the week ended August 8, 1914, has been received from Surg. Long, of the United States Public Health Service, in charge of the work:

San Francisco, Cal.

Premises inspected.....	1,275
Premises destroyed.....	18
Nuisances abated.....	205
Poisons placed.....	18,300
Average number of traps set daily.....	1,734

Maintenance of a squirrel-free zone.

Work on private lands, labor and material being furnished by owners:
Alameda County.—189 acres of land were treated with the squirrel destructors. (Holes per acre average 25.05.)
Contra Costa County.—2,550 acres of land were covered with poisoned grain.

Report of plague infection.

Places in California.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
Cities:				
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	None.....	398 rats.
Oakland.....	Aug. 9, 1911	Dec. 1, 1908	do.....	126 rats.
Berkeley.....	Aug. 28, 1907	None.....	do.....	None.
Los Angeles.....	Aug. 11, 1908	do.....	Aug. 21, 1908	1 squirrel.
Counties:				
Alameda (exclusive of Oakland and Berkeley).....	Sept. 24, 1909	Oct. 17, 1909, wood rat.	July 22, 1914	285 squirrels, 1 wood rat.
Contra Costa.....	May 17, 1914	None.....	July 13, 1914	1,556 squirrels.
Fresno.....	None.....	do.....	Oct. 27, 1911	1 squirrel.
Merced.....	do.....	do.....	July 12, 1911	5 squirrels.
Monterey.....	do.....	do.....	Apr. 10, 1914	6 squirrels.
San Benito.....	June 4, 1913	do.....	July 3, 1914	35 squirrels.
San Joaquin.....	Sept. 18, 1911	do.....	Aug. 26, 1911	18 squirrels.
San Luis Obispo.....	None.....	do.....	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Aug. 31, 1910	do.....	July 23, 1913	25 squirrels.
Santa Cruz.....	None.....	do.....	May 17, 1910	3 squirrels.
Stanislaus.....	do.....	do.....	June 2, 1911	13 squirrels.

RATS COLLECTED AND EXAMINED FOR PLAGUE.		RATS TAKEN FROM STEAMERS (NOT INCLUDED ABOVE).	
San Francisco:		Steamer <i>Pennsylvania</i> :	
Found dead.....	2	Mus alexandrinus.....	28
Collected.....	562	Mus rattus.....	21
Examined.....	583	Steamer <i>Olson & Mahoney</i> :	
Found infected.....	None.	Mus alexandrinus.....	22
RATS IDENTIFIED.		Mus rattus.....	29
Mus norvegicus.....	294	Schooner <i>Schome</i> , Mus norvegicus.....	28
Mus rattus.....	97		
Mus alexandrinus.....	78		
Mus musculus.....	93		

Squirrels collected and examined for plague.

County.	Shot.	Examined.	Found infected.
Contra Costa.....	321	321	None.
Alameda.....	214	214	Do.
San Benito.....	47	47	Do.
Santa Clara.....	34	34	Do.
Total.....	616	616	None.

OTHER ANIMALS COLLECTED AND EXAMINED FOR
PLAGUE.

Alameda County.....	2 rabbits.
Contra Costa County.....	1 coyote.
	1 weasel.

RANCHES INSPECTED AND HUNTED OVER.

Alameda County.....	27
Contra Costa County.....	43
San Benito.....	8
Santa Clara.....	3
Total.....	81

OPERATIONS ON WATER FRONT.

Vessels inspected for rat guards.....	28
Reinspections made on vessels.....	17

OPERATIONS ON WATER FRONT—continued.

New rat guards procured.....	31
Rats trapped on wharves and water front..	35
Rats trapped on vessels.....	11
Traps set on wharves and water front.....	187
Traps set on vessels.....	144
Vessels trapped on.....	15
Vessels searched for dead rats after fumiga- tion.....	6
Dead rats found on vessels after fumigation.	128
Poisons placed on water front (pieces).....	9,200
Amount of broad used on poisoning water front (loaves).....	31
Pounds of poison used on water front.....	15½

Operations are being carried on under Federal supervision on the following-named properties, labor and material being furnished by owners:

Poisoned grain and destructors.

Names.	Location.	Acres treated.		Holes treated.
		Pumps.	Grain.	
Tormey ranch.....	Contra Costa County.....	.....	850	.....
Souza ranch.....	do.....	.....	100	.....
Hooper Co.....	do.....	.....	351	.....
Moraga Co.....	do.....	.....	475	.....
Stewart ranch.....	Alameda County.....	.....	1,170	.....
McLaughlin Land Co.....	do.....	.....	800	.....
Southern Pacific Co.....	Merced County.....	1 7½	1 7½	1,414

¹ Miles.

Three thousand and forty acres of land in Alameda County and 7½ miles in Merced County inspected.

The work is being carried on in the following-named counties: San Francisco, Alameda, Contra Costa, Santa Clara, San Joaquin, Merced, Stanislaus, San Benito, Santa Cruz, and Monterey.

Louisiana—New Orleans.

The following reports of plague-eradication work in New Orleans for the weeks ended August 15 and August 22, 1914, have been received from Asst. Surg. Gen. Rucker, of the United States Public Health Service, in charge of the work:

WEEK ENDED AUG. 15, 1914.

OUTGOING QUARANTINE.		FIELD OPERATIONS—continued.	
Number of vessels fumigated.....	101	Premises inspected.....	4,166
Pounds of sulphur burned.....	12,705	Notices served.....	1,524
Outgoing freight inspected (tons).....	12,304	Number of abatements.....	1,449
Clean bills of health issued.....	21	Number of dead inspected.....	117
Foul bills of health issued.....	7		
OVERLAND FREIGHT INSPECTION.		LABORATORY OPERATIONS.	
Cars inspected.....	6,510	Rats examined.....	9,001
Cars rat-proofed.....	1,403	Mus nervosus.....	8,703
Cars condemned.....	5	Mus alexandrinus.....	111
Rodents killed in cars.....	1	Mus rattus.....	61
		Mus musculus.....	1,350
		Mus unclassified, putrid.....	125
		Total rodents received at laboratory.....	10,351
Number of rats trapped.....	10,202	Number of suspicious rats.....	37
Premises fumigated.....	33	Plague rats confirmed.....	17
Poisons placed.....	57,955		

Plague rats.

Case No.	Place.	Trapped.	Diagnosis confirmed.	Treatment of premises.
39	Richard and South Franklin.....	Aug. 9	Aug. 9	Disinfection; rat-proofing.
40	Thalia Street landing.....	do.	do.	Intensive trapping and poisoning.
41	536 Madison Street.....	Aug. 10	Aug. 10	Rat-proofing initiated; intensive trapping and poisoning.
42	532 Howard Street.....	Aug. 3	do.	Do.
43	1300 Tulane Avenue.....	Aug. 6	do.	Do.
44	1837 Marais Street.....	Aug. 10	do.	Do.
45	Ninth Street platform, Harmony Street wharf.....	do.	do.	Intensive trapping; 7 poisoning.
46	918 Toulouse Street.....	Aug. 4	do.	Disinfection; rat-proofing; intensive trapping and poisoning.
47	2043 Dryades Street.....	Aug. 11	Aug. 11	Rat-proofing initiated; intensive trapping and poisoning.
48	3211 Dryades Street.....	Aug. 6	do.	Do.
49	Warehouse Ninth and Tchoupitoulas.....	Aug. 11	do.	Do.
50	2124 Erato Street.....	Aug. 5	Aug. 12	Do.
51	359 South Rampart Street.....	Aug. 6	do.	Do.
52	2851 Baronne Street.....	Aug. 8	Aug. 13	Do.
53	3225 Dryades Street.....	Aug. 13	do.	Do.
54	625 Commerce Street.....	Aug. 10	Aug. 15	Do.
55	1535 St. Thomas Street.....	Aug. 15	do.	Do.

Human plague cases.

Suspicious human cases examined.....	8
Human plague cases.....	4

Case No.	Name and place of infection.	Date suspicious.	Diagnosis confirmed.	Treatment of premises.
15	Mrs. J. B., 1836 Iberville Street.....	Aug. 11	Aug. 12	Disinfection; rat-proofing.
16	H. S., 1836 Iberville Street.....	Aug. 13	Aug. 15	Do.
17	A. G., 1817 Carondelet Walk.....	Aug. 12	Aug. 13	Do.
18	C. S., 916 Toulouse Street.....	Aug. 15	Aug. 15	Fumigation; rat-proofing.

Summary.

Necropsies.....	4
Total rodents examined, July 8 to Aug. 15.....	44,135
Total human cases to Aug. 15.....	18
Total rodent cases to Aug. 15.....	55

WEEK ENDED AUG. 22, 1914.

OUTGOING QUARANTINE.		FIELD OPERATIONS—continued.	
Number of vessels fumigated.....	98	Premises inspected.....	3,482
Number of vessels fumigated with carbon monoxide.....	18	Poisons placed.....	88,316
Pounds of sulphur burned.....	5,681	Notices served.....	1,450
Outgoing freight inspected (tons).....	19,912	Number of abatements.....	675
Clean bills of health issued.....	29	Number of dead inspected.....	117
Foul bills of health issued.....	3	LABORATORY OPERATIONS.	
OVERLAND FREIGHT INSPECTION.		Rats examined.....	7,850
Cars inspected.....	5,889	Mus norvegicus.....	7,590
Cars rat-proofed.....	1,280	Mus alexandrinus.....	80
Cars condemned.....	10	Mus rattus.....	55
Rodents killed in cars.....	1	Mus musculus.....	1,476
FIELD OPERATIONS.		Mus unclassified, putrid.....	122
Number of rats trapped.....	9,630	Total rodents received at laboratory.....	9,329
Premises fumigated.....	4	Number of suspicious rats.....	15
Premises disinfected.....	62	Plague rats confirmed.....	9

Plague rats.

Case No.	Address.	Trapped.	Diagnosis confirmed.	Treatment of premises.
56	Ninth Street platform, Harmony Street Wharf.	Aug. 10	Aug. 16	Intensive trapping and poisoning.
57	527 Dumaine Street.....	do.	do.	Rat-proofing initiated. Intensive trapping and poisoning.
58	841 Burgundy Street.....	Aug. 17	Aug. 17	Do.
59	931 St. Ann Street.....	do.	do.	Do.
60	1318 South Derbigny Street.....	Aug. 18	Aug. 18	Do.
61	799 South Franklin Street.....	Aug. 19	Aug. 19	Do.
62	Toulouse Street shed.....	Aug. 1	Aug. 20	Intensive trapping and poisoning.
63	909 St. Charles Street.....	Aug. 21	Aug. 21	Rat - proofing initiated. Intensive trapping and poisoning.
64	Esplanade and Bourbon.....	do.	do.	Do.

Human plague cases.

Suspicious human cases examined.....	6
Number of human plague cases.....	2

Case No.	Name and place of infection.	Date suspicious.	Diagnosis confirmed.	Treatment of premises.
19	M. II., 1905 Bienville St.....	Aug. 14	Aug. 16	Fumigation; rat proofing initiated.
20	L. W., 1905 Bienville St.....	Aug. 17	Aug. 18	Do.

Summary.

Necropsies.....	3
Total rodents trapped to Aug. 22.....	54,885
Total rodents examined July 8 to Aug. 22.....	51,985
Total human cases to Aug. 22.....	20
Total rodent cases to Aug. 22.....	64

Washington—Seattle.

The following report of plague-eradication work in Seattle for the week ended August 8, 1914, has been received from Surg. Lloyd, of the United States Public Health Service, in charge of the work:

RAT PROOFING.		WATER FRONT—continued.	
New buildings inspected.....	55	Rat guards installed.....	31
Floors concreted (7).....sq. ft..	52,000	Port sanitary statements issued.....	59
Basements concreted (10).....do....	10,164		
Sidewalks concreted (3).....do....	1,890	LABORATORY AND RODENT OPERATIONS.	
Total concrete, new buildings.....do....	64,054	Dead rodents received.....	11
New buildings elevated.....	2	Rodents trapped and killed.....	325
Old buildings inspected.....	3		
Premises rat proofed, old buildings.....	12	Total.....	336
Basements concreted, old building (1), sq. ft.....	1,874	Rodents examined for plague infection.....	269
Doors rat proofed.....	4	Rodents proven plague infected.....	1
Openings screened.....	246	Human bodies examined for plague.....	1
Rat holes cemented.....	87	Number pounds poison used and distributed..	50
Rat holes screened or closed.....	140		
Buildings razed.....	4	CLASSIFICATION OF RODENTS.	
		Mus rattus.....	20
WATER FRONT.		Mus alexandrinus.....	73
Vessels inspected and histories recorded....	6	Mus norvegicus.....	202
Vessels fumigated.....	None.	Mus musculus.....	41

The usual day and night patrol was maintained to enforce fending and rat guarding.